Minnesota State College Southeast

AUTO 1106: General Auto Service Lab

A. COURSE DESCRIPTION

   Credits: 2
   Lecture Hours/Week: *.*
   Lab Hours/Week: 4
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None

   This course will let the student apply knowledge and skills learned in general automotive service.
   (Prerequisite: AUTO1105) (2 Credits: 0 lecture/2 lab)

B. COURSE EFFECTIVE DATES: 04/27/1998 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

   1. Perform Safety Procedures
   2. Application of Skills Learned in General Automotive Service
D. LEARNING OUTCOMES (General)
   1. Perform safety procedures related to the shop
   2. Perform safety procedures
   3. Cut with oxy-acetylene torch
   4. Replace exhaust system components
   5. Service wheel bearings
   6. Service a battery
   7. Identify different types of lubricants
   8. Demonstrate use of lubrication manual
   9. Perform lubrication oil and filter services
  10. Perform vehicle safety inspection
  11. Identify tire construction
  12. Balance a tire
  13. Complete mid-course exam
  14. Replace fan belts
  15. Replace cooling system hoses
  16. Replace thermostat
  17. Back flush cooling system
  18. Winterize cooling system
  19. Pressure test cooling system and cap
  20. Identify transmission filters and gaskets
  21. Replace automatic transmission fluid and filter
  22. Measure pipe diameter
  23. Replace exterior lights
  24. Operate test light
  25. Perform use of a voltmeter
  26. Complete final exam
  27. Exhibit professionalism

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted